



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/604,660	08/07/2003	Donald J. Glaser	34168	1659
23589	7590	03/08/2005	EXAMINER	
HOVEY WILLIAMS LLP 2405 GRAND BLVD., SUITE 400 KANSAS CITY, MO 64108			WILSON, LEE D	
			ART UNIT	PAPER NUMBER
			3723	

DATE MAILED: 03/08/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/604,660

Applicant(s)

GLASER

Examiner

LEE D WILSON

Art Unit

3723

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>11/4/03</u> . | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Specification

1. The disclosure is objected to because of the following informalities: in par 19 of the specification the element number 14 is used for both the body and mounting plate.

Appropriate correction is required.

Claim Rejections - 35 USC § 112

1. Claims 20-30 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention.

- a. Claim 20 recites a frame plate when in fact the specification calls the so called frame plate an attachment plate. There are no element numbers defining what the frame plate other than the prior art reference.

1. Claims 1- are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

- a. The following claims are vague, indefinite, awkwardly, and confusingly worded:

- i. The claim(s) are narrative in form and replete with indefinite and functional or operational language. The structure which goes to make up the device must be clearly and positively specified. The structure must be organized and correlated in such a manner as to present a complete operative device. The claim(s) must be in one sentence form only. Note the format of the claims in the patent(s) cited.
- ii. Claim 1 states that a body prevents sliding and permits movement in first direction divergent to a first plane but only one body part is defined and one part cannot have multiple functions without providing the structure to carry out those functions. Applicant is going to have recite the structure and in a manner that connects the parts in a logical order and shows those parts working and moving relative to each other as does the prior art.
- iii. Claim 1 recites a locking assembly but there is not mention of structure to perform locking such as a plate with attachment mechanisms and an actuator in communication or connected to that plate. Applicant is saying I have a part and this is what it can do which is fine if you have structure to perform that task.
- iv. Claim 1 recites exposed surface however all parts have exposed surface unless they are internal parts but this is only known if the part are connected relative to each other.

- v. Claim 2 recites front and back surfaces but of what body part or parts. There is not shape so what portions is back and front what is the body orientation.
- vi. Claim 10 recites both the workpiece holding assembly and a mount being coupled to a support when in fact only one of these element is coupled.
- vii. Claim 25 the mounting plate is sadei to define an internal chamber but it in fact does not define and internal chamber but has one. The claim does not represent the apparatus disclosed in the specification.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1-9 and 20-24 are rejected as best understood in view of the 112 rejections under 35 U.S.C. 102(b) as being anticipated by Glaser (4744552).

Glaser discloses an apparatus which functions and has the structure of claims 1-

9. It is not clear how claim 1 structure is being defined so the rejection is applied against claim 1 and the dependents with the best understanding possible.

Claims 20-24 are anticipated and disclosed by Glaser.

Art Unit: 3723

4. Claims 10-17 are rejected as best understood in view of the 112 rejections under 35 U.S.C. 102(b) as being anticipated by Deschamps et al (5628418).

Deschamps et al discloses a lockable mounting apparatus having a mount (16) with an internal chamber, a pin (42 eventhough this appears to be a screw it appears to be of the same structure as the applicants pin), a flexible plate (24), and a locking element (32)

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 18-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Deschamps et al (5628418).

b. Deschamps et al (5628418) are discussed above.

c. Deschamps et al (5628418) discloses the claimed invention except for a trapezoidal shape. It would have been an obvious matter of design choice to have used a trapezoidal shape, since such a modification would have involved a mere change in the shape of a component which is within the skill of the worker in the art based on the intended use. A change in shape generally recognized as being within the level of ordinary skill in the art.

Allowable Subject Matter

7. Claims 25-30 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, 2nd and 1st paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Skakoon et al and Oetlinger et al disclose a device.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LEE D WILSON whose telephone number is 571-272-4499. The examiner can normally be reached on M-F.

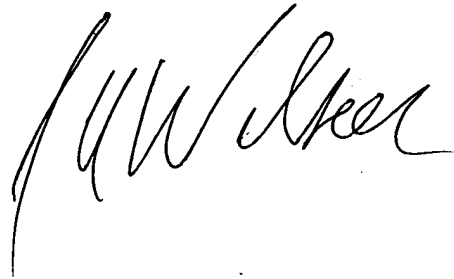
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, JOSEPH HAIL can be reached on 571-272-4485. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Application/Control Number: 10/604,660
Art Unit: 3723

Page 7

March 4, 2005

A handwritten signature in black ink, appearing to read 'Lee D. Wilson', written in a cursive style.

LEE D. WILSON
PRIMARY EXAMINER